



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No. 7745**
Shoriki NARITA et al. : Docket No. 2003-1226
Serial No. 10/651,103 : Group Art Unit 2811
Filed August 29, 2003 : Examiner Not Yet Assigned

BUMP FORMING APPARATUS FOR CHARGE
APPEARANCE SEMICONDUCTOR SUBSTRATE,
CHARGE REMOVAL METHOD FOR CHARGE
APPEARANCE SEMICONDUCTOR SUBSTRATE,
CHARGE REMOVING UNIT FOR CHARGE
APPEARANCE SEMICONDUCTOR SUBSTRATE,
AND CHARGE APPEARANCE SEMICONDUCTOR
SUBSTRATE

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY
FEES FOR THIS PAPER TO DEBIT
ACCOUNT NO. 23-0975

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of [X] the references listed on attached form PTO-1449 and/or [] the additional information identified below in paragraph 3. A legible copy of each foreign reference listed on the form PTO-1449 is enclosed. (As the application was filed after July 1, 2003, copies of the U.S. references have not been submitted).

1a. [X] This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. ☒ For each non-English language reference listed on the attached form PTO-1449, reference is made to:

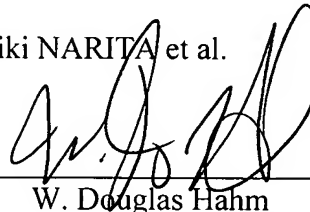
- a. ☐ a full or partial English language translation submitted herewith,
- b. ☐ a foreign patent office search report (in the English language) submitted herewith,
- c. ☐ the concise explanation contained in the specification of the present application at page,
- d. ☒ the concise explanation set forth in the attached English language abstract,
- e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:

5. ☐ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Shoriki NARITA et al.

By



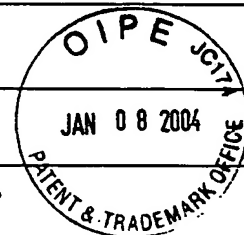
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January 8, 2004

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: January 8, 2004

ATTY DOCKET NO.
2003-1226SERIAL NO.
10/651,103APPLICANT
Shoriki NARITA et al.FILING DATE
August 29, 2003GROUP
2811

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,600,137	07/2003	Nonomura et al.			
	AB	6,056,191	05/2000	Brouillette et al.			
	AC	5,601,229	02/1997	Nakazato et al.			
	AD	6,034,578	03/2000	Fujita et al.			
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	402203180 A	08/1990	JP			Abstract
	AK						
	AL						
	AM						
	AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AP	
	AQ	

EXAMINER

DATE CONSIDERED